

Table J2.--Chemical Properties of the Soils--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
50B: Mcgirk-----	0-14	8.0-16	---	5.1-6.5	---	---	0	0
	14-21	---	14-20	4.5-5.5	---	---	0	0
	21-54	---	18-25	4.5-6.0	---	---	0	0
	54-60	---	10-18	4.5-6.0	---	---	0	0
51C: Claiborne-----	0-10	---	---	4.5-6.0	---	---	0	---
	10-60	---	---	4.5-5.5	---	---	0	---
52B: Deepwater-----	0-11	10-16	---	5.1-7.3	0	0	0	0
	11-48	10-22	---	5.1-7.3	0	0	0	0
	48-60	16-22	---	5.1-6.5	0	0	0	0
52C: Deepwater-----	0-13	10-16	---	5.1-7.3	0	0	0	0
	13-42	10-22	---	5.1-7.3	0	0	0	0
	42-60	16-22	---	5.1-6.5	0	0	0	0
53B: Mandeville-----	0-13	8.0-16	---	5.1-6.5	0	0	0	0
	13-26	---	10-17	4.5-6.0	0	0	0	0
	26-32	---	10-17	4.5-6.0	0	0	0	0
	32-60	---	---	---	---	---	---	---
54: Moniteau-----	0-14	10-16	---	5.1-6.5	---	---	---	---
	14-49	---	10-15	4.5-6.0	---	---	---	---
	49-60	8.0-14	---	4.5-6.5	---	---	---	---
55B: Barco-----	0-13	6.0-11	---	5.1-7.3	0	0	0	0
	13-26	9.0-18	---	4.5-6.5	0	0	0	0
	26-33	---	---	---	---	---	---	---
	33-43	---	---	---	---	---	---	---
55C: Barco-----	0-9	6.0-11	---	5.1-7.3	0	0	0	0
	9-30	9.0-18	---	4.5-6.5	0	0	0	0
	30-60	---	---	---	---	---	---	---
56C: Bolivar-----	0-8	6.0-12	---	5.1-6.5	0	0	0	0
	8-26	---	10-18	4.5-6.0	0	0	0	0
	26-60	---	---	---	---	---	---	---
56D: Bolivar-----	0-8	6.0-12	---	5.1-6.5	0	0	0	0
	11-26	---	10-18	4.5-6.0	0	0	0	0
	26-40	---	---	---	---	---	---	---
	40-60	---	---	---	---	---	---	---
58: Hartwell-----	0-13	10-16	---	5.1-7.3	0	0	0	0
	13-28	20-28	---	5.1-6.5	0	0	0	0
	28-60	12-20	---	5.1-7.3	0	0	0	0
58B2: Hartwell-----	0-8	10-16	---	5.1-7.3	0	0	0	0
	8-28	20-28	---	5.1-6.5	0	0	0	0
	28-60	12-20	---	5.1-7.3	0	0	0	0

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	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
58B3: Hartwell-----	0-5	16-22	---	5.1-7.3	0	0	0	0
	5-12	20-28	---	5.1-6.5	0	0	0	0
	12-60	12-20	---	5.1-7.3	0	0	0	0
60B: Barden-----	0-11	8.0-16	---	5.1-7.3	0	0	0	0
	11-14	14-18	---	4.5-6.5	0	0	0	0
	14-23	19-30	---	4.5-7.3	0	0	0	0
	23-60	14-20	---	4.5-7.3	0	0	0	0
60B2: Barden-----	0-7	8.0-16	---	5.1-7.3	0	0	0	0
	7-14	14-18	---	4.5-6.5	0	0	0	0
	14-23	19-30	---	4.5-7.3	0	0	0	0
	23-60	14-20	---	4.5-7.3	0	0	0	0
63B: Union-----	0-7	6.0-16	---	5.6-6.5	---	---	---	---
	7-27	---	14-24	4.5-5.5	---	---	---	---
	27-42	---	8.0-18	3.6-5.0	---	---	---	---
	42-60	---	20-40	4.5-6.0	---	---	---	---
63C: Union-----	0-7	6.0-16	---	5.6-6.5	---	---	---	---
	7-27	---	14-24	4.5-5.5	---	---	---	---
	27-42	---	8.0-18	3.6-5.0	---	---	---	---
	42-60	---	20-40	4.5-6.0	---	---	---	---
66C: Doniphan-----	0-8	---	---	4.5-6.5	---	---	0	---
	8-18	---	---	3.6-5.5	---	---	0	---
	18-60	---	---	3.6-5.5	---	---	0	---
66D: Doniphan-----	0-13	---	---	4.5-6.5	---	---	0	---
	13-18	---	---	3.6-5.5	---	---	0	---
	18-60	---	---	3.6-5.5	---	---	0	---
67C: Bardley-----	0-12	10-16	---	4.5-6.5	0	0	0	0
	12-37	25-40	---	4.5-7.3	0	0	0	0
	37-60	---	---	---	---	---	---	---
67E: Bardley-----	0-4	13-19	---	4.5-6.5	0	0	0	0
	4-10	13-19	---	4.5-6.5	0	0	0	0
	10-30	25-40	---	4.5-7.3	0	0	0	0
	30-60	---	---	---	---	---	---	---
68C: Eldon-----	0-10	8.0-16	---	4.5-7.3	0	0	0	0
	10-28	18-31	---	4.5-7.3	0	0	0	0
	28-60	18-48	---	4.5-7.8	0	0	0	0
68D: Eldon-----	0-15	8.0-16	---	4.5-7.3	0	0	0	0
	15-28	18-31	---	4.5-7.3	0	0	0	0
	28-60	18-48	---	4.5-7.8	0	0	0	0

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